

AMENDMENTS TO THE SPECIFICATION:

Please amend the disclosure of the specification as follows:

Please amend paragraph 29 of the specification as follows:

[0029] The object is also achieved by a cartridge for preparing a liquid solution for a medical procedure and arranged to contain a particulate material, wherein the cartridge includes: an inner space for housing the particulate material; an inlet arranged to permit the introduction of a liquid into the inner space; an outlet arranged to permit the discharge of liquid from the inner space; and a device comprising a hollow body defined by a wall enclosing a cavity of the body, the body having a first end and a second end, and being provided with a least one slit-shaped opening extending through the wall, said first end being mounted to the cartridge at the inlet in such a manner that the body extends into the inner space and said second end is located in the inner space of the cartridge, said first end being open and adapted for receiving said liquid to be introduced into the cartridge, which liquid leaves the device through said slit-shaped opening in a flow direction, wherein said slit-shaped opening has a first extension and a second extension being substantially perpendicular to the flow direction and to the first extension, wherein the second extension is significantly shorter than the first extension. Advantageous embodiments of the cartridge are defined described herein in the dependent claims 24 and 25.

Please amend paragraph 31 of the specification as follows:

[0031] The object is also achieved by a use of a device in a cartridge for preparing a liquid solution for a medical procedure and arranged to contain a particulate

material, wherein the cartridge includes: an inner space for housing the particulate material; an inlet arranged to permit the introduction of a liquid into the inner space; an outlet arranged to permit the discharge of liquid from the inner space; and said device comprising a hollow body defined by a wall enclosing a cavity of the body, the body having a first end and a second end, and being provided with a least one slit-shaped opening extending through the wall, said first end being mounted to the cartridge at the inlet in such a manner that the body extends into the inner space and said second end is located in the inner space of the cartridge, said first end being open and adapted for receiving said liquid to be introduced into the cartridge, which liquid leaves the device through said slit-shaped opening in a flow direction, wherein said slit-shaped opening has a first extension and a second extension being substantially perpendicular to the flow direction and to the first extension, wherein the second extension is significantly shorter than the first extension, the use including the step of supplying said liquid to the cartridge via the inlet in such a way that the liquid passes through the particulate material and thereby dissolves at least a part of the particulate material to form a liquid solution. Advantageous embodiments of the use are defined described herein in the dependent claims 27 to 29.

Please amend paragraph 32 of the specification as follows:

[0032] The object is also achieved by a system for preparing a liquid solution for a medical procedure, the system including: a cartridge containing a particulate material in an inner space thereof and including an inlet and an outlet; a first liquid conduit having a first end communicating with a source of liquid to withdraw the liquid into the

first liquid conduit and a second end; a second liquid conduit having a first end communicating with a source of liquid and a second end communicating with the inlet of the cartridge for introducing the liquid into the inner space to produce a concentrate liquid solution containing at least a part of the particulate material dissolved in the liquid; a third liquid conduit communicating with the outlet of the cartridge and with a mixing point in the first liquid conduit intermediate said first and second ends for conducting said concentrate liquid solution from the cartridge into said first liquid conduit to be mixed with the liquid being conducted through the first liquid conduit to thereby produce said liquid solution in the first liquid conduit for delivery to said second end of the first liquid conduit; and a device comprising a hollow body defined by a wall enclosing a cavity of the body, the body having a first end and a second end, and being provided with a least one slit-shaped opening extending through the wall, said first end being mounted to the cartridge at the inlet in such a manner that the body extends into the inner space and said second end is located in the inner space of the cartridge, said first end being open and adapted for receiving said liquid to be introduced into the cartridge, which liquid leaves the device through said slit-shaped opening in a flow direction, wherein said slit-shaped opening has a first extension and a second extension being substantially perpendicular to the flow direction and to the first extension, wherein the second extension is significantly shorter than the first extension. Advantageous embodiments of the system are defined described herein in the dependent claims 31 to 35.

Please amend paragraph 51 of the specification as follows:

[0051] A filter 23 is arranged at the outlet 22 to permit passage of said liquid through the filter 23, but to prevent the passage of the particulate material 20 through the filter 23. The filter 23 defines a filter direction a, see FIGS. 4 and 5, and thus permits the liquid to pass through the filter 23 in the filter direction a. The cartridge 9 also includes a device in the form of an elongated hollow body 24 arranged at the inlet 21 to permit passage of the liquid through the hollow body 24, but to prevent passage of the particulate material 20 through the hollow body 24. The hollow body 2 24 has a centre axis x, extending substantially vertically during normal use of the device and the cartridge 9. The centre axis x also forms a centre axis x for the cartridge 9. The hollow body 24 defines a flow direction b, see FIGS. 6 and 7, and permits the liquid to pass through the hollow body 24 in the flow direction b into the inner space 10.

Please amend paragraph 64 of the specification as follows:

[0064] In the embodiment disclosed in FIG. 8, the hollow body 24 has a main wall portion 81 which has a substantially conical shape. In the proximity of the second lower end 53, the conical wall portion 81 of the hollow body 24 is provided with a plurality of slit-shaped openings 55 uniformly distributed around the hollow body 24. The first extension 61 of each slit-shaped opening 55 has a first main component extending in parallel with the centre axis x, and, due to the conical shape of the wall portion 81, a second minor component extending substantially radially outwardly from the centre axis x. The flow direction b may thus extend outwardly with a substantially right angle to the centre axis x. It is to be noted that the hollow body 24 may also have another

cross-sectional shape than a circular one, for instance oval, triangular, square, rectangular or any other polygonal shape. In case of any polygonal shape, all or a selected number of the side walls so formed may be provided with slit-shaped openings

55. In particular, it may be mentioned that if the hollow body 24 has a square or rectangular cross-sectional shape only one or two of the side walls may be provided with slit-shaped openings 55.